

CENTER FOR DISEASE CONTROL

Morbidity and Mortality



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REPORT

For
Week Ending
March 29, 1975

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE
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EPIDEMIOLOGIC NOTES AND REPORTS
RUBELLA - New York, Vermont

New York

In the third week of January 1975, 9 cases of rubella were reported in office workers in a chemical plant near Buffalo. The patients ranged in age from 19 to 45 years. Among the 6 women and 3 men affected, symptoms and signs included rash (100%), fever (89%), lymphadenopathy (89%), and joint stiffness and/or swelling in all 6 women and 1 man (78%). Most patients also complained of pruritus (55%) and red or painful eyes (77%).

Four patients' sera showed a 4-fold or greater rubella hemagglutination-inhibition (HAI) titer rise. The remaining patients, all of whose acute specimens were collected at least

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5 days after rash onset, had HAI titers of 1:32 or greater in both acute and convalescent specimens.

One secondary case of rubella occurred in the 9-year-old daughter of 1 of the patients. No further cases have occurred among the office workers. Single serum specimens from 15

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

| DISEASE | 13th WEEK ENDING | | MEDIAN 1970-1974 | CUMULATIVE, FIRST 13 WEEKS | | |
|---|-------------------|-------------------|---------------------|----------------------------|---------|---------------------|
| | March 29, 1975 | March 30, 1974 | | 1975 | 1974 | MEDIAN 1970-1974 |
| Aseptic meningitis | 41 | 28 | 31 | 459 | 422 | 426 |
| Brucellosis | 4 | 3 | 4 | 35 | 26 | 26 |
| Chickenpox | 4,276 | 4,405 | — | 52,321 | 47,965 | — |
| Diphtheria | 12 | 6 | 3 | 122 | 50 | 51 |
| Encephalitis | 15 | 18 | 18 | 165 | 218 | 230 |
| | 15 | 3 | 6 | 62 | 50 | 60 |
| | 201 | 189 | 164 | 2,616 | 2,222 | 2,122 |
| Hepatitis, Viral | 668 | 792 | 1,142 | 9,030 | 11,085 | 14,044 |
| | 184 | 156 | — | 1,926 | 2,088 | — |
| | 3 | 4 | 24 | 67 | 40 | 391 |
| Malaria | 738 | 557 | 1,229 | 6,236 | 7,155 | 10,418 |
| Measles (rubeola) | 22 | 50 | 52 | 447 | 428 | 457 |
| Meningococcal infections, total | 21 | 47 | 50 | 434 | 419 | 438 |
| | 1 | 3 | 2 | 13 | 9 | 19 |
| Mumps | 1,562 | 1,738 | 2,184 | 19,561 | 22,060 | 27,582 |
| Pertussis | 18 | 25 | — | 294 | 338 | — |
| Rubella (German measles) | 508 | 493 | 1,391 | 4,153 | 3,663 | 9,729 |
| Tetanus | 2 | 1 | 2 | 16 | 14 | 17 |
| Tuberculosis | 586 | 684 | — | 7,356 | 7,096 | — |
| Tularemia | 2 | 2 | 2 | 11 | 26 | 25 |
| Typhoid fever | 6 | 5 | 5 | 63 | 86 | 65 |
| Typhus, tick-borne (Rky. Mt. spotted fever) | 1 | — | 1 | 12 | 15 | 7 |
| Venereal Diseases: | | | | | | |
| Gonorrhea | 17,539 | 16,058 | — | 229,794 | 208,747 | — |
| | 602 | 519 | — | 7,357 | 6,759 | — |
| Syphilis, primary and secondary | 449 | 465 | — | 6,468 | 6,053 | — |
| | 6 | 9 | — | 86 | 113 | — |
| Rabies in animals | 49 | 84 | 107 | 479 | 695 | 861 |

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

| | Cum. | | Cum. |
|------------------------------|------|-----------------------------|------|
| Anthrax: | — | Poliomyelitis, total: | 1 |
| Botulism: Wash. 1 | 8 | Paralytic: | 1 |
| Congenital rubella syndrome: | 6 | Psittacosis: | 9 |
| Leprosy: Calif. 5, Tex. 1 | 47 | Rabies in man: | 1 |
| Leptospirosis:* | 11 | Trichinosis: N.Y. Ups. 6 | 29 |
| Plague: | 1 | Typhus, murine: N.Y. Ups. 1 | 5 |

*Delayed reports: Leptospirosis: Ark. 1

RUBELLA — Continued

unaffected co-workers showed rubella HAI titers of 1:64 or greater in 14 persons and less than 1:8 in 1 individual.

Rubella virus was isolated from 2 patients, both of whom had a throat swab specimen collected within 72 hours after onset of rash.

(Reported by Marvin Amdur, MD, Industrial Physician, Buffalo, Pearay Ogra, MD, Director, Virology Laboratory, Buffalo Children's Hospital; Mary Lou Fleissner, Epidemiologist, Richard G Judelson, MD, Communicable Disease Control Officer, Erie County Health Department, New York.)

Vermont

Between September 28 and October 15, 1974, an outbreak of rubella occurred at a college in Chittenden County, Vermont. Twelve students who complained mainly of rash were examined. Their symptoms included rash (100%), sore throat (83%), coryza (42%), headache (58%), cough (25%), and arthralgias (30%). Physical findings were low grade fever (25%), posterior auricular lymphadenopathy (83%), pharyngitis (92%), enanthem (22%), and conjunctivitis (90%). One student had a frank arthritis of the right knee.

Pharyngeal swabs for viral cultures were obtained from 9 of the students. No cytopathologic effect was produced by culture in African green monkey kidney tissue, but the interference test with echovirus 11 indicated the presence of rubella virus in 2 of the students.

Acute serum was obtained from the 12 students, who were requested to return in 21 days for collection of convalescent serum. Only 4 students returned; 3 of these had a greater

than 4-fold HAI titer rise; the other had elevated acute and convalescent titers.

There was no discernable pattern of contact among the patients. The majority of students seen, however, stated that at least 1 of the students with whom they shared living quarters had similar symptoms but did not seek medical attention.

The patients, none of whom were pregnant, were urged to advise all contacts who could possibly be pregnant to seek medical attention.

(Reported by Michael Bruehl, medical student, University of Vermont College of Medicine, and Mark D Aronson, MD, Assistant Professor of Medicine, University of Vermont College of Medicine, and Consultant to the Vermont State Health Department.)

Editorial Note

Reported rubella for the first 13 weeks of 1975 has increased 15% above the corresponding period for 1974.

Small outbreaks of rubella continue to occur among unvaccinated adolescent and young-adult groups. University outbreaks have been notable in that the spread to contacts in the community has been uncommon and the threat of exposure for susceptible pregnant women appears to be very low. Nevertheless, these outbreaks emphasize the need to more effectively identify and immunize susceptible postpubertal women. Although prevention of rubella through routine immunization is effective, efforts to control outbreaks in adult or adolescent groups have not been totally satisfactory. Immunization of persons at risk should continue to be done on a routine basis.

SCABIES — Florida, New Mexico**Florida**

In February 1975, 23 cases of scabies were identified from clinical or historical data among approximately 996 students at a Broward County, Florida, elementary school. Eight of the 23 school cases were in sibling pairs or cousins. Another 28 cases were identified from historical data among the families of infested schoolchildren and their nonschool contacts. These 51 cases involved 24 families. The first known school case had occurred in July 1974, but 19 of the 23 infested students had their onset of symptoms after December. Three of the children had been infested twice.

The elementary school is composed of 39 "temporary" buildings, with each building housing a different class. Contact among children in different grades and different classes of the same grade is not extensive. Nonetheless, at least 2 cases occurred in each grade, involving 18 different classroom buildings.

Questionnaires distributed to the parents of scabietic children and a random sample of non-scabietic children showed 2 practices to be statistically related to infestation: exchanging clothes between friends or family members and spending the night with friends. Of the 23 children with scabies, 39% sometimes wore articles of clothing belonging to other persons or loaned their own clothes to others. Only 6% of the 32 controls engaged in this practice ($p = .005$). Among the scabietic children, 78% had slept at the homes of friends during the school year or had had overnight guests at

their own homes. Among the controls, 32% had spent nights with friends ($p = .001$). Infestation was not related to riding the schoolbus, crowding in the home, sharing a bed with another family member, or owning an animal. In addition, neither socio-economic status nor type of residence was significant.

Further investigation revealed that of 130 students screened at a nearby high school 2 had scabies. In addition, 4 local dermatologists were interviewed and all agreed that the incidence of scabies in their practices had been increasing in the preceding 6 months to 2 years. It was concluded that the elementary school outbreak reflected the increasing prevalence of scabies in the community and that transmission occurred primarily outside the classroom.

(Reported by Gian Berchelli, PhD, School Principal, Broward County; Mary Ann Trupe, RN, Public Health Nurse, and Paul Hughes, MD, County Health Officer, Broward County Health Department; David Taplin, Associate Professor of Dermatology and Epidemiology and Public Health, University of Miami; Chester Nayfield, MD, State Epidemiologist, Florida Division of Health; and the Parasitic Diseases and Veterinary Public Health Branch, Bureau of Epidemiology, CDC.)

New Mexico

On January 27, 1975, a team from the New Mexico State Health Agency traveled to Portales, New Mexico, to
(Continued on page 123)

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING MARCH 29, 1975 AND MARCH 30, 1974 (13th WEEK)

| AREA | ASEPTIC MENIN- GITIS | BRUCE- LOSIS | CHICKEN- POX | DIPHTHERIA | | ENCEPHALITIS | | | HEPATITIS, VIRAL | | | MALARIA | |
|----------------------------|----------------------------|-----------------|-----------------|--------------|------|--|----------------------|--------|------------------|---------------------|------|---------|--------------|
| | | | | | | Primary: Arthropod- borne and Unspecified | Post In- fectious | Type B | Type A | Type Unspecified | | | |
| | | | | | | | | | | | | | |
| 1975 | 1975 | 1975 | 1975 | Cum. 1975 | 1975 | 1974 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | Cum. 1975 |
| UNITED STATES . . . | 41 | 4 | 4,276 | 12 | 122 | 15 | 16 | 15 | 201 | 668 | 184 | 3 | 67 |
| NEW ENGLAND | 1 | 1 | 470 | - | - | 1 | - | - | 4 | 20 | 13 | - | 3 |
| Maine * | - | - | - | - | - | - | - | - | - | - | - | - | - |
| New Hampshire | 1 | - | 1 | - | - | - | - | - | - | 1 | - | - | - |
| Vermont | - | - | 14 | - | - | - | - | - | 1 | 1 | - | - | - |
| Massachusetts * | - | - | 149 | - | - | 1 | - | - | 1 | 3 | 13 | - | 2 |
| Rhode Island | - | - | 93 | - | - | - | - | - | 2 | 4 | - | - | - |
| Connecticut | - | 1 | 213 | - | - | - | - | - | - | 11 | - | - | 1 |
| MIDDLE ATLANTIC | 7 | - | 296 | - | 1 | 2 | 3 | - | 23 | 66 | 30 | 1 | 10 |
| Upstate New York | 2 | - | 158 | - | - | 1 | 1 | - | 6 | 30 | 11 | - | 3 |
| New York City | 2 | - | 137 | - | - | - | 1 | - | 5 | 11 | - | - | 3 |
| New Jersey * | 3 | - | NN | - | - | - | 1 | - | 5 | 11 | 17 | - | 3 |
| Pennsylvania * | - | - | 1 | - | 1 | 1 | - | - | 7 | 14 | 2 | 1 | 1 |
| EAST NORTH CENTRAL . . . | 2 | - | 1,456 | - | 1 | 5 | 2 | 1 | 54 | 118 | 15 | - | 1 |
| Ohio * | - | - | 145 | - | - | 2 | - | - | 7 | 28 | - | - | - |
| Indiana | - | - | 116 | - | - | - | - | - | 2 | 5 | - | - | - |
| Illinois | - | - | - | - | - | - | 1 | - | 29 | 51 | 13 | - | 1 |
| Michigan | 2 | - | 710 | - | 3 | 3 | - | - | 9 | 25 | 2 | - | - |
| Wisconsin | - | - | 485 | - | - | - | - | 1 | 7 | 9 | - | - | - |
| WEST NORTH CENTRAL . . . | 2 | - | 989 | - | - | - | 2 | 1 | 9 | 34 | 13 | - | 3 |
| Minnesota | - | - | 2 | - | - | - | - | 1 | 3 | 8 | - | - | 1 |
| Iowa | - | - | 230 | - | - | - | 1 | - | 1 | 1 | - | - | - |
| Missouri * | 2 | - | 433 | - | - | - | 1 | - | 3 | 7 | 13 | - | 2 |
| North Dakota | - | - | 9 | - | - | - | - | - | - | 1 | - | - | - |
| South Dakota | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska | - | - | 4 | - | - | - | - | - | - | 7 | - | - | - |
| Kansas | - | - | 311 | - | - | - | - | - | 2 | 10 | - | - | - |
| SOUTH ATLANTIC | 10 | 2 | 266 | - | - | 2 | - | 9 | 28 | 127 | 43 | - | 8 |
| Delaware | - | - | 7 | - | - | - | - | - | 1 | - | - | - | - |
| Maryland | - | - | 11 | - | - | - | - | - | 3 | 2 | 2 | - | 1 |
| District of Columbia . . . | - | - | 44 | - | - | - | - | - | - | - | - | - | - |
| Virginia | 2 | - | 28 | - | - | 1 | - | - | 2 | 10 | 9 | - | 4 |
| West Virginia * | - | - | 156 | - | - | - | - | - | - | 3 | - | - | - |
| North Carolina | - | - | NN | - | - | - | - | - | 3 | 20 | 3 | - | 1 |
| South Carolina | 2 | - | 20 | - | - | - | - | - | 1 | 6 | 4 | - | - |
| Georgia | - | 1 | - | - | - | - | - | - | - | 10 | - | - | - |
| Florida | 6 | 1 | - | - | - | 1 | - | 9 | 18 | 76 | 25 | - | 2 |
| EAST SOUTH CENTRAL . . . | 1 | - | 178 | - | - | 1 | 1 | 1 | 15 | 58 | 5 | - | 6 |
| Kentucky | - | - | 97 | - | - | - | - | - | - | 7 | - | - | 2 |
| Tennessee | - | - | NN | - | - | - | 1 | - | 8 | 26 | 2 | - | - |
| Alabama | 1 | - | 72 | - | - | 1 | - | 1 | 3 | 16 | 3 | - | 3 |
| Mississippi | - | - | 9 | - | - | - | - | - | 4 | 9 | - | - | 1 |
| WEST SOUTH CENTRAL . . . | 6 | 1 | 360 | - | 1 | - | 4 | 1 | 14 | 88 | 14 | 1 | 7 |
| Arkansas | - | 1 | - | - | - | - | - | - | 1 | 12 | 1 | - | 1 |
| Louisiana * | - | - | NN | - | - | - | 1 | - | 2 | 5 | 1 | - | - |
| Oklahoma | - | - | - | - | - | - | 2 | - | - | 2 | 4 | - | 1 |
| Texas | 6 | - | 360 | - | 1 | - | 1 | 1 | 11 | 69 | 8 | 1 | 5 |
| MOUNTAIN | - | - | 91 | 1 | 12 | 1 | 2 | - | 4 | 53 | 25 | - | 10 |
| Montana | - | - | 32 | - | - | - | - | - | - | 5 | - | - | - |
| Idaho | - | - | - | - | - | - | - | - | - | 7 | 6 | - | - |
| Wyoming | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Colorado | - | - | 42 | - | - | - | - | - | 2 | 6 | 12 | - | 8 |
| New Mexico | - | - | 16 | - | 1 | 1 | 2 | - | - | 13 | 1 | - | - |
| Arizona | - | - | - | 1 | 11 | - | - | - | - | 6 | 1 | - | 2 |
| Utah | - | - | - | - | - | - | - | - | 2 | 8 | 5 | - | - |
| Nevada * | - | - | 1 | - | - | - | - | - | - | 8 | - | - | - |
| PACIFIC | 12 | - | 170 | 11 | 107 | 3 | 2 | 2 | 50 | 104 | 26 | 1 | 19 |
| Washington | 1 | - | 140 | 11 | 104 | 3 | - | - | 4 | 15 | 7 | 1 | 2 |
| Oregon | - | - | - | - | - | - | - | - | 9 | 14 | 5 | - | - |
| California * | 10 | - | - | - | 2 | - | 2 | 2 | 37 | 67 | 14 | - | 16 |
| Alaska | - | - | 3 | - | 1 | - | - | - | - | - | - | - | - |
| Hawaii | 1 | - | 27 | - | - | - | - | - | - | 8 | - | - | 1 |
| Guam * | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico | 1 | - | 28 | - | - | - | - | - | 1 | 15 | - | - | 1 |
| Virgin Islands | - | - | 26 | - | - | - | - | - | - | - | - | - | - |

*Delayed reports: Aseptic meningitis: (1974) N.J. 3
 Chickenpox: Me. 34, Mo. 2,335, Calif. 64, Guam 7
 Diphtheria: Ohio delete 1
 Encephalitis, primary: Pa. delete 1; (1974) N.J. 1

Hepatitis B: (1974) Pa. 3
 Hepatitis A: Me. 2, W. Va. 2, La. delete 2, Nev. 3,
 (1974) Pa. 1
 Hepatitis unspecified: W. Va. delete 2, La. delete 1, Guam 1
 Malaria: (1974) Mass. 3

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING MARCH 29, 1975 AND MARCH 30, 1974 (13th WEEK) - Continued

| AREA | MEASLES (Rubeola) | | | MENINGOCOCCAL INFECTIONS, TOTAL | | | MUMPS | | PERTUSSIS | RUBELLA | | TETANUS |
|----------------------|-------------------|------------|-------|---------------------------------|------------|------|-------|-----------|-----------|---------|-----------|-----------|
| | 1975 | Cumulative | | 1975 | Cumulative | | 1975 | Cum. 1975 | 1975 | 1975 | Cum. 1975 | Cum. 1975 |
| | | 1975 | 1974 | | 1975 | 1974 | | | | | | |
| UNITED STATES | 738 | 6,236 | 7,155 | 22 | 447 | 428 | 1,562 | 19,561 | 18 | 508 | 4,153 | 16 |
| NEW ENGLAND | 9 | 65 | 403 | - | 25 | 23 | 28 | 780 | - | 60 | 662 | - |
| Maine * | - | 4 | 22 | - | 3 | - | - | 39 | - | - | 15 | - |
| New Hampshire | 1 | 16 | 200 | - | 1 | 6 | - | 55 | - | - | 222 | - |
| Vermont | - | - | 5 | - | - | - | - | 2 | - | - | 14 | - |
| Massachusetts | 5 | 25 | 102 | - | 6 | 7 | 1 | 102 | - | 52 | 342 | - |
| Rhode Island | - | 2 | 46 | - | 2 | 4 | 10 | 331 | - | 2 | 12 | - |
| Connecticut | 3 | 18 | 28 | - | 13 | 6 | 17 | 251 | - | 6 | 57 | - |
| MIDDLE ATLANTIC | 30 | 327 | 2,702 | 2 | 35 | 57 | 90 | 973 | 2 | 61 | 372 | 1 |
| Upstate New York | 18 | 105 | 41 | 1 | 12 | 22 | 43 | 438 | 1 | 19 | 52 | - |
| New York City | 10 | 49 | 144 | 1 | 7 | 12 | 20 | 186 | 1 | 8 | 56 | 1 |
| New Jersey | 1 | 124 | 2,211 | - | 4 | 20 | 21 | 167 | - | 26 | 160 | - |
| Pennsylvania | 1 | 49 | 306 | - | 12 | 3 | 6 | 182 | - | 8 | 104 | - |
| EAST NORTH CENTRAL | 216 | 2,214 | 2,775 | 5 | 66 | 46 | 613 | 8,476 | 2 | 93 | 1,129 | - |
| Ohio | 4 | 37 | 1,193 | 1 | 12 | 15 | 57 | 794 | - | 1 | 65 | - |
| Indiana | 11 | 150 | 83 | - | 3 | 2 | 76 | 951 | - | 23 | 168 | - |
| Illinois | 55 | 456 | 474 | - | 10 | 7 | 96 | 814 | - | 13 | 113 | - |
| Michigan | 137 | 1,159 | 875 | 1 | 32 | 15 | 233 | 4,042 | - | 36 | 568 | - |
| Wisconsin | 9 | 412 | 150 | 3 | 9 | 7 | 151 | 1,875 | 2 | 20 | 215 | - |
| WEST NORTH CENTRAL | 278 | 1,796 | 206 | 1 | 29 | 30 | 163 | 1,562 | 4 | 73 | 357 | 1 |
| Minnesota | - | - | 76 | 1 | 6 | 13 | 1 | 24 | - | 7 | 12 | - |
| Iowa | - | 196 | 7 | - | 4 | 5 | 22 | 420 | - | - | 8 | - |
| Missouri * | 9 | 81 | 27 | - | 15 | 8 | 38 | 414 | 4 | 6 | 108 | 1 |
| North Dakota | 23 | 268 | 23 | - | - | 1 | 18 | 265 | - | 1 | 43 | - |
| South Dakota | - | 204 | 19 | - | - | - | - | 4 | - | - | 2 | - |
| Nebraska | - | 186 | 2 | - | 1 | - | - | 5 | - | - | 5 | - |
| Kansas | 246 | 861 | 52 | - | 3 | 3 | 84 | 430 | - | 59 | 179 | - |
| SOUTH ATLANTIC | 7 | 70 | 258 | 8 | 90 | 80 | 105 | 1,206 | 3 | 63 | 290 | 6 |
| Delaware | - | - | 3 | - | 1 | 3 | - | 5 | - | - | 6 | - |
| Maryland | - | - | 20 | - | 5 | 12 | 3 | 32 | - | - | - | - |
| District of Columbia | - | - | - | - | 4 | - | - | 23 | - | - | - | - |
| Virginia | - | 8 | 11 | 2 | 10 | 12 | 45 | 273 | - | 2 | 22 | - |
| West Virginia | 1 | 41 | 63 | - | 2 | 3 | 39 | 478 | 2 | 14 | 56 | - |
| North Carolina | - | 1 | 2 | 1 | 16 | 15 | - | 31 | - | 2 | 5 | 2 |
| South Carolina | - | 1 | 23 | 4 | 12 | 9 | 1 | 20 | - | 44 | 172 | 2 |
| Georgia | - | - | 1 | - | 7 | 4 | - | - | - | - | - | - |
| Florida * | 6 | 19 | 135 | 1 | 33 | 22 | 17 | 344 | 1 | 1 | 29 | 2 |
| EAST SOUTH CENTRAL | 11 | 75 | 48 | 3 | 61 | 46 | 106 | 1,688 | 3 | 23 | 259 | 1 |
| Kentucky | 4 | 55 | 37 | 1 | 23 | 21 | 13 | 778 | - | 3 | 53 | 1 |
| Tennessee | 7 | 16 | 1 | 2 | 22 | 20 | 71 | 712 | - | 20 | 197 | - |
| Alabama | - | 1 | 2 | - | 10 | 5 | 19 | 142 | - | - | 5 | - |
| Mississippi | - | 3 | 8 | - | 6 | - | 3 | 56 | 3 | - | 4 | - |
| WEST SOUTH CENTRAL | 8 | 87 | 91 | 1 | 81 | 86 | 121 | 1,615 | - | 42 | 266 | 3 |
| Arkansas | - | - | 4 | - | 4 | 5 | - | 13 | - | - | - | - |
| Louisiana * | - | - | 6 | - | 16 | 12 | 20 | 176 | - | 3 | 96 | 1 |
| Oklahoma | - | 15 | 11 | - | 8 | 12 | 4 | 56 | - | - | 56 | - |
| Texas | 8 | 72 | 70 | 1 | 53 | 57 | 97 | 1,370 | - | 39 | 114 | 2 |
| MOUNTAIN | 32 | 476 | 261 | 1 | 14 | 11 | 15 | 202 | - | 36 | 214 | - |
| Montana | - | - | 148 | - | 2 | 1 | - | 3 | - | 6 | 150 | - |
| Idaho | 1 | 4 | 44 | - | 1 | 1 | 1 | 3 | - | 1 | 7 | - |
| Wyoming | - | - | - | - | - | - | - | - | - | - | - | - |
| Colorado | 29 | 464 | 21 | - | 5 | 2 | 12 | 107 | - | 25 | 40 | - |
| New Mexico | 2 | 3 | 37 | 1 | 3 | 2 | 2 | 12 | - | 3 | 8 | - |
| Arizona | - | 4 | 4 | - | 1 | 3 | - | - | - | - | 1 | - |
| Utah | - | - | - | - | 2 | 1 | - | 42 | - | 1 | 5 | - |
| Nevada | - | 1 | 7 | - | - | 1 | - | 35 | - | - | 3 | - |
| PACIFIC | 147 | 1,126 | 411 | 1 | 46 | 49 | 321 | 3,059 | 4 | 57 | 604 | 4 |
| Washington | 6 | 45 | 28 | 1 | 7 | 7 | 232 | 1,703 | 1 | 11 | 136 | - |
| Oregon | - | 52 | - | - | - | 6 | 21 | 180 | - | - | 64 | - |
| California | 141 | 1,029 | 380 | - | 39 | 33 | 68 | 1,157 | 3 | 46 | 399 | 4 |
| Alaska | - | - | - | - | - | 2 | - | 11 | - | - | - | - |
| Hawaii | - | - | 3 | - | - | 1 | - | 8 | - | - | 5 | - |
| Guam | - | 4 | 1 | - | - | - | - | 13 | - | - | 1 | - |
| Puerto Rico | 39 | 184 | 204 | - | 1 | - | 31 | 251 | 13 | - | 14 | 7 |
| Virgin Islands | 2 | 4 | 6 | - | - | - | - | 20 | - | - | 2 | - |

*Delayed reports: Measles: Mo. 5

Meningococcal infections: Fla. 12, La. delete 2

Mumps: Me. 6, Mo. 254

Rubella: Mo. 16

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDING MARCH 29, 1975 AND MARCH 30, 1974 (13th WEEK) - Continued

| AREA | TUBERCULOSIS | | TULA- REMIA | TYPHOID FEVER | | TYPHUS-FEVER TICK-BORNE (Rky. Mt. spotted fever) | | VENEREAL DISEASES (Civilian Cases Only) | | | | | | RABIES IN ANIMALS |
|----------------------|--------------|--------------|----------------|------------------|--------------|--|--------------|---|------------|---------|------------------------|------------|-------|-------------------------|
| | 1975 | Cum. 1975 | Cum. 1975 | 1975 | Cum. 1975 | 1975 | Cum. 1975 | GONORRHEA | | | SYPHILIS (Pri. & Sec.) | | | Cum. 1975 |
| | | | | | | | | 1975 | Cumulative | | 1975 | Cumulative | | |
| | | | | | | | | | 1975 | 1974 | | 1975 | 1975 | |
| UNITED STATES | 586 | 7,356 | 11 | 6 | 63 | 1 | 12 | 17,539 | 229,794 | 208,747 | 449 | 6,468 | 6,053 | 479 |
| NEW ENGLAND | 23 | 273 | - | 1 | 7 | - | - | 595 | 6,400 | 5,310 | 22 | 240 | 231 | 10 |
| Maine | 2 | 22 | - | - | - | - | - | 36 | 402 | 378 | - | 4 | 10 | 9 |
| New Hampshire | - | 12 | - | - | - | - | - | 21 | 203 | 149 | 1 | 10 | 3 | - |
| Vermont | 1 | 4 | - | - | - | - | - | 18 | 130 | 152 | 1 | 4 | 1 | - |
| Massachusetts | 12 | 137 | - | - | 3 | - | - | 188 | 3,157 | 2,462 | 17 | 158 | 164 | - |
| Rhode Island | 4 | 35 | - | - | - | - | - | 31 | 477 | 425 | - | 4 | 4 | - |
| Connecticut | 4 | 63 | - | 1 | 4 | - | - | 301 | 2,031 | 1,744 | 3 | 60 | 49 | 1 |
| MIDDLE ATLANTIC | 88 | 1,268 | 2 | 3 | 11 | - | - | 2,118 | 27,801 | 26,054 | 63 | 1,206 | 1,282 | 13 |
| Upstate New York | 9 | 178 | 1 | - | 2 | - | - | 435 | 5,146 | 4,881 | 3 | 126 | 128 | 12 |
| New York City | 44 | 565 | - | - | 4 | - | - | 1,278 | 12,699 | 10,825 | 42 | 707 | 727 | - |
| New Jersey | 14 | 243 | 1 | - | 2 | - | - | 153 | 3,365 | 3,906 | 18 | 190 | 211 | - |
| Pennsylvania | 21 | 282 | - | 3 | 3 | - | - | 252 | 6,591 | 6,442 | - | 183 | 216 | 1 |
| EAST NORTH CENTRAL | 66 | 1,072 | - | 1 | 9 | - | 1 | 2,431 | 38,219 | 33,259 | 38 | 524 | 507 | 10 |
| Ohio | 24 | 322 | - | - | 1 | - | 1 | 753 | 10,493 | 9,239 | 4 | 111 | 65 | - |
| Indiana | - | 148 | - | - | - | - | - | 152 | 3,312 | 2,941 | 5 | 36 | 47 | - |
| Illinois | 25 | 277 | - | 1 | 6 | - | - | 684 | 12,709 | 10,176 | 18 | 253 | 263 | - |
| Michigan | 11 | 306 | - | - | 2 | - | - | 526 | 7,874 | 8,017 | 8 | 92 | 105 | - |
| Wisconsin | 6 | 19 | - | - | - | - | - | 316 | 3,831 | 2,886 | 3 | 32 | 27 | 10 |
| WEST NORTH CENTRAL | 28 | 270 | 2 | - | 3 | - | - | 1,088 | 11,458 | 10,639 | 11 | 142 | 135 | 117 |
| Minnesota | 7 | 40 | - | - | 1 | - | - | 103 | 2,274 | 2,371 | 1 | 16 | 12 | 37 |
| Iowa | - | 16 | - | - | - | - | - | 358 | 1,457 | 1,548 | 4 | 9 | 12 | 21 |
| Missouri | 18 | 150 | 1 | - | 2 | - | - | 319 | 4,271 | 3,320 | 5 | 83 | 88 | 14 |
| North Dakota | - | - | - | - | - | - | - | 10 | 182 | 182 | - | 3 | - | 31 |
| South Dakota | 1 | 14 | - | - | - | - | - | 32 | 481 | 469 | - | 3 | 1 | - |
| Nebraska | - | 9 | - | - | - | - | - | 100 | 979 | 845 | - | 3 | 3 | 2 |
| Kansas | 2 | 41 | 1 | - | - | - | - | 166 | 1,814 | 1,904 | 1 | 25 | 19 | 12 |
| SOUTH ATLANTIC | 172 | 1,727 | 4 | 1 | 3 | - | 7 | 4,341 | 56,886 | 51,677 | 158 | 2,042 | 1,930 | 74 |
| Delaware | 3 | 36 | - | - | - | - | - | 33 | 783 | 784 | 1 | 22 | 21 | - |
| Maryland | 26 | 260 | - | - | - | - | - | 435 | 6,335 | 4,647 | 19 | 163 | 212 | - |
| District of Columbia | 6 | 104 | - | - | - | - | - | 224 | 3,590 | 5,195 | 13 | 164 | 170 | - |
| Virginia | 12 | 201 | 2 | - | 1 | - | - | 519 | 5,912 | 4,710 | 22 | 174 | 239 | 45 |
| West Virginia | 1 | 70 | - | - | - | - | - | 49 | 696 | 619 | 2 | 7 | 7 | 1 |
| North Carolina | 24 | 254 | - | 1 | 2 | - | 7 | 629 | 8,535 | 6,906 | 5 | 269 | 205 | 1 |
| South Carolina | 20 | 102 | 2 | - | - | - | - | 411 | 5,322 | 5,487 | 15 | 163 | 158 | 2 |
| Georgia | 38 | 255 | - | - | - | - | - | 705 | 10,201 | 9,153 | 20 | 289 | 305 | 20 |
| Florida | 42 | 445 | - | - | - | - | - | 1,336 | 15,512 | 14,176 | 61 | 791 | 613 | 5 |
| EAST SOUTH CENTRAL | 36 | 617 | 1 | - | 2 | - | 2 | 1,615 | 18,808 | 17,777 | 25 | 291 | 316 | 57 |
| Kentucky | 8 | 114 | - | - | 1 | - | 1 | 236 | 2,435 | 2,172 | 9 | 48 | 71 | 47 |
| Tennessee | 14 | 218 | 1 | - | - | - | - | 546 | 7,491 | 7,000 | 7 | 110 | 122 | 5 |
| Alabama | 8 | 198 | - | - | - | - | 1 | 488 | 5,144 | 5,026 | 4 | 75 | 60 | 5 |
| Mississippi | 6 | 87 | - | - | 1 | - | - | 345 | 3,738 | 3,579 | 5 | 58 | 63 | - |
| WEST SOUTH CENTRAL | 85 | 824 | 2 | - | 1 | 1 | 2 | 2,299 | 29,152 | 27,758 | 39 | 606 | 554 | 139 |
| Arkansas | 17 | 114 | 2 | - | - | 1 | 1 | 558 | 3,128 | 3,037 | 4 | 17 | 27 | 17 |
| Louisiana * | 3 | 118 | - | - | - | - | - | 305 | 5,351 | 5,995 | 10 | 143 | 163 | 3 |
| Oklahoma | 15 | 88 | - | - | - | - | 1 | 237 | 2,636 | 2,104 | 1 | 30 | 40 | 39 |
| Texas | 50 | 504 | - | - | 1 | - | - | 1,199 | 18,037 | 16,622 | 24 | 416 | 324 | 80 |
| MOUNTAIN | 10 | 142 | - | - | 3 | - | - | 733 | 8,812 | 7,378 | 26 | 172 | 148 | 16 |
| Montana | - | 2 | - | - | - | - | - | 23 | 497 | 446 | - | 3 | - | 7 |
| Idaho | - | 4 | - | - | - | - | - | 34 | 454 | 475 | - | 3 | - | - |
| Wyoming | - | 5 | - | - | 1 | - | - | 23 | 218 | 178 | - | 1 | 2 | - |
| Colorado | - | - | - | - | - | - | - | 177 | 2,379 | 2,125 | 4 | 35 | 31 | - |
| New Mexico * | 3 | 33 | - | - | 1 | - | - | 116 | 1,548 | 1,025 | 13 | 50 | 29 | 7 |
| Arizona | 7 | 72 | - | - | 1 | - | - | 239 | 2,327 | 1,915 | 6 | 58 | 58 | 2 |
| Utah | - | 6 | - | - | - | - | - | 49 | 535 | 360 | - | 4 | 5 | - |
| Nevada * | - | 20 | - | - | - | - | - | 72 | 854 | 854 | 3 | 18 | 23 | - |
| PACIFIC | 78 | 1,163 | - | - | 24 | - | - | 2,319 | 32,258 | 28,895 | 67 | 1,245 | 950 | 43 |
| Washington | 11 | 95 | - | - | 1 | - | - | 266 | 2,786 | 2,772 | - | 56 | 35 | - |
| Oregon | 2 | 43 | - | - | - | - | - | 323 | 2,806 | 2,490 | 1 | 29 | 23 | - |
| California | 63 | 903 | - | - | 23 | - | - | 1,695 | 25,296 | 22,456 | 66 | 1,147 | 882 | 41 |
| Alaska | - | 6 | - | - | - | - | - | 22 | 815 | 617 | - | - | - | 2 |
| Hawaii | 2 | 116 | - | - | - | - | - | 13 | 555 | 560 | - | 13 | 10 | - |
| Guam * | - | 22 | - | - | - | - | - | - | 98 | - | - | 1 | - | - |
| Puerto Rico | 9 | 112 | - | - | - | - | - | 77 | 812 | 805 | 12 | 177 | 247 | 15 |
| Virgin Islands | - | 3 | - | - | - | - | - | 1 | 46 | 183 | - | 9 | 17 | - |

*Delayed reports: Tuberculosis: Guam 10
Gonorrhea: La. delete 7, Nev. 63 civil.; 1 Mil., Guam 8
Syphilis: N.M. delete 1, Nev. 2

TABLE IV. DEATHS IN 121 UNITED STATES CITIES FOR WEEK ENDING MARCH 29, 1975

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

| Area | All Causes | | | | | Pneumonia and Influenza All Ages | Area | All Causes | | | | | Pneumonia and Influenza All Ages |
|---------------------------|------------|-------------------|-------------|-------------|--------------|----------------------------------|---------------------------|------------|-------------------|-------------|-------------|--------------|----------------------------------|
| | All Ages | 65 years and over | 45-64 years | 25-44 years | Under 1 year | | | All Ages | 65 years and over | 45-64 years | 25-44 years | Under 1 year | |
| NEW ENGLAND | 677 | 454 | 151 | 34 | 21 | 37 | SOUTH ATLANTIC | 1,207 | 672 | 354 | 85 | 50 | 52 |
| Boston, Mass. | 232 | 155 | 45 | 15 | 9 | 13 | Atlanta, Ga. | 114 | 51 | 36 | 11 | 7 | 5 |
| Bridgeport, Conn. | 31 | 20 | 8 | 2 | 1 | 5 | Baltimore, Md. | 260 | 145 | 75 | 23 | 6 | 5 |
| Cambridge, Mass. | 25 | 19 | 3 | 2 | — | 4 | Charlotte, N. C. | 64 | 39 | 18 | 4 | 2 | 2 |
| Fall River, Mass. | 23 | 18 | 2 | 1 | 1 | — | Jacksonville, Fla. | 92 | 52 | 27 | 6 | 3 | 2 |
| Hartford, Conn. | 41 | 29 | 8 | 1 | 3 | 2 | Miami, Fla. | 140 | 79 | 41 | 9 | 7 | 8 |
| Lowell, Mass. | 22 | 17 | 3 | 2 | — | 2 | Norfolk, Va. | 67 | 33 | 22 | 3 | 6 | 3 |
| Lynn, Mass. | 17 | 8 | 6 | 1 | 1 | 1 | Richmond, Va. | 80 | 45 | 29 | 4 | 2 | 10 |
| New Bedford, Mass. | 23 | 16 | 5 | 2 | — | — | Savannah, Ga. | 19 | 12 | 4 | 2 | — | 3 |
| New Haven, Conn. | 33 | 16 | 10 | 4 | 1 | 1 | St. Petersburg, Fla. | 73 | 62 | 8 | — | 1 | — |
| Providence, R. I. | 73 | 48 | 19 | 1 | 2 | 3 | Tampa, Fla. | 88 | 47 | 28 | 5 | 3 | 5 |
| Somerville, Mass. | 7 | 7 | — | — | — | 1 | Washington, D. C. | 163 | 79 | 53 | 15 | 12 | 7 |
| Springfield, Mass. | 36 | 23 | 10 | 2 | 1 | 4 | Wilmington, Del. | 47 | 28 | 13 | 3 | 1 | 2 |
| Waterbury, Conn. | 37 | 25 | 11 | 1 | — | 1 | | | | | | | |
| Worcester, Mass. | 77 | 53 | 21 | — | 2 | — | EAST SOUTH CENTRAL | 671 | 383 | 183 | 49 | 20 | 36 |
| MIDDLE ATLANTIC | 2,725 | 1,664 | 740 | 154 | 85 | 108 | Birmingham, Ala. | 123 | 74 | 30 | 11 | 2 | 1 |
| Albany, N. Y. | 46 | 23 | 12 | 4 | 5 | 3 | Chattanooga, Tenn. | 52 | 35 | 13 | 4 | — | — |
| Allentown, Pa. | 35 | 21 | 12 | — | 1 | — | Knoxville, Tenn. | 45 | 31 | 7 | 2 | — | 2 |
| Buffalo, N. Y. | 97 | 59 | 20 | 4 | 12 | 7 | Louisville, Ky. | 118 | 66 | 41 | 4 | 3 | 15 |
| Camden, N. J. | 28 | 13 | 10 | 1 | 4 | 1 | Memphis, Tenn. | 146 | 79 | 36 | 11 | 9 | 5 |
| Elizabeth, N. J. | 35 | 24 | 11 | — | — | — | Mobile, Ala. | 60 | 28 | 22 | 7 | 1 | 3 |
| Erie, Pa. | 36 | 24 | 6 | 2 | 2 | 5 | Montgomery, Ala. | 39 | 23 | 9 | 2 | 1 | 3 |
| Jersey City, N. J. | 57 | 38 | 18 | — | — | 3 | Nashville, Tenn. | 88 | 47 | 25 | 8 | 4 | 7 |
| Newark, N. J. | 44 | 22 | 13 | 5 | 2 | 2 | WEST SOUTH CENTRAL | 1,092 | 583 | 301 | 91 | 54 | 34 |
| New York City, N. Y. † | 1,360 | 842 | 351 | 85 | 36 | 52 | Austin, Tex. | 22 | 8 | 6 | 3 | 2 | 1 |
| Paterson, N. J. | 33 | 21 | 7 | 3 | 2 | 4 | Baton Rouge, La. | 42 | 23 | 13 | 3 | — | 3 |
| Philadelphia, Pa. | 393 | 228 | 121 | 26 | 10 | 5 | Corpus Christi, Tex. | 31 | 20 | 7 | 1 | 2 | 2 |
| Pittsburgh, Pa. | 163 | 90 | 55 | 12 | 3 | 6 | Dallas, Tex. | 156 | 79 | 40 | 17 | 11 | 4 |
| Reading, Pa. | 42 | 27 | 9 | 2 | 2 | 1 | El Paso, Tex. | 44 | 20 | 10 | 5 | 4 | 5 |
| Rochester, N. Y. | 119 | 74 | 35 | 5 | 1 | 5 | Fort Worth, Tex. | 77 | 41 | 26 | 7 | 2 | 1 |
| Schenectady, N. Y. | 24 | 15 | 6 | 1 | 1 | — | Houston, Tex. | 285 | 145 | 80 | 31 | 12 | 2 |
| Scranton, Pa. | 66 | 48 | 15 | 1 | — | 5 | Little Rock, Ark. | 85 | 45 | 26 | 4 | 4 | 6 |
| Syracuse, N. Y. | 73 | 50 | 16 | — | 4 | 5 | New Orleans, La. | 106 | 55 | 33 | 6 | 6 | 3 |
| Trenton, N. J. | 25 | 15 | 7 | 2 | — | 1 | San Antonio, Tex. | 153 | 89 | 40 | 6 | 8 | 2 |
| Utica, N. Y. | 13 | 10 | 3 | — | — | 1 | Shreveport, La. | 22 | 13 | 5 | 4 | — | — |
| Yonkers, N. Y. | 36 | 20 | 13 | 1 | — | 2 | Tulsa, Okla. | 69 | 45 | 15 | 4 | 3 | 5 |
| EAST NORTH CENTRAL | 2,240 | 1,297 | 603 | 189 | 65 | 76 | MOUNTAIN | 532 | 311 | 126 | 24 | 28 | 24 |
| Akron, Ohio | 61 | 41 | 16 | 3 | 1 | — | Albuquerque, N. Mex. | 57 | 36 | 17 | 3 | — | 6 |
| Canton, Ohio | 44 | 25 | 14 | 3 | 1 | 2 | Colorado Springs, Colo. | 24 | 15 | 6 | — | 1 | 2 |
| Chicago, Ill. | 599 | 339 | 164 | 63 | 10 | 15 | Denver, Colo. | 123 | 73 | 28 | 6 | 9 | 5 |
| Cincinnati, Ohio | 139 | 74 | 40 | 15 | 7 | 5 | Las Vegas, Nev. | 19 | 12 | 5 | — | — | 3 |
| Cleveland, Ohio | 181 | 95 | 53 | 14 | 14 | 4 | Ogden, Utah | 14 | 5 | 5 | 1 | 1 | 1 |
| Columbus, Ohio | 140 | 85 | 32 | 10 | 5 | 2 | Phoenix, Ariz. | 137 | 74 | 33 | 6 | 9 | 1 |
| Dayton, Ohio | 99 | 51 | 30 | 8 | 6 | 3 | Pueblo, Colo. | 17 | 9 | 4 | — | 1 | 4 |
| Detroit, Mich. | 297 | 158 | 86 | 31 | 8 | 12 | Salt Lake City, Utah | 57 | 32 | 12 | 2 | 4 | 2 |
| Evansville, Ind. | 33 | 20 | 8 | 3 | 2 | 3 | Tucson, Ariz. | 84 | 55 | 16 | 6 | 3 | — |
| Fort Wayne, Ind. | 39 | 27 | 5 | 2 | — | 7 | PACIFIC | 1,740 | 1,098 | 443 | 97 | 56 | 69 |
| Gary, Ind. | 16 | 8 | 6 | — | 2 | 3 | Berkeley, Calif. | 21 | 12 | 8 | — | 1 | — |
| Grand Rapids, Mich. | 58 | 42 | 11 | 2 | 1 | 6 | Fresno, Calif. | 58 | 32 | 18 | 6 | 1 | 1 |
| Indianapolis, Ind. | 138 | 76 | 40 | 10 | 4 | 1 | Glendale, Calif. | 24 | 14 | 8 | — | 1 | 1 |
| Madison, Wis. | 32 | 21 | 4 | 4 | 1 | 3 | Honolulu, Hawaii | 49 | 23 | 13 | 6 | 4 | — |
| Milwaukee, Wis. | 102 | 74 | 24 | 1 | 1 | 4 | Long Beach, Calif. | 125 | 74 | 38 | 8 | 3 | 1 |
| Peoria, Ill. | 25 | 13 | 8 | 4 | — | — | Los Angeles, Calif. | 526 | 326 | 133 | 38 | 16 | 14 |
| Rockford, Ill. | 26 | 23 | 1 | 2 | — | 2 | Oakland, Calif. | 59 | 43 | 14 | — | 2 | 1 |
| South Bend, Ind. | 37 | 25 | 7 | 4 | — | 2 | Pasadena, Calif. | 32 | 22 | 6 | — | 2 | — |
| Toledo, Ohio | 103 | 60 | 27 | 9 | 1 | 2 | Portland, Oreg. | 155 | 99 | 45 | 3 | 4 | 20 |
| Youngstown, Ohio | 71 | 40 | 27 | 1 | 1 | — | Sacramento, Calif. | 62 | 36 | 19 | 3 | 4 | 1 |
| WEST NORTH CENTRAL | 752 | 448 | 213 | 38 | 31 | 36 | San Diego, Calif. | 136 | 88 | 33 | 10 | 1 | 3 |
| Des Moines, Iowa | 75 | 45 | 24 | 4 | — | 1 | San Francisco, Calif. | 137 | 94 | 30 | 8 | 1 | 4 |
| Duluth, Minn. | 8 | 4 | 4 | — | — | 1 | San Jose, Calif. | 56 | 32 | 14 | 5 | 1 | — |
| Kansas City, Kans. | 29 | 12 | 9 | 2 | 6 | 2 | Seattle, Wash. | 169 | 113 | 35 | 7 | 8 | 11 |
| Kansas City, Mo. | 110 | 65 | 37 | 2 | 6 | 9 | Spokane, Wash. | 78 | 54 | 14 | 2 | 6 | 9 |
| Lincoln, Nebr. | 29 | 21 | 5 | 1 | 1 | 1 | Tacoma, Wash. | 53 | 36 | 15 | 1 | 1 | 3 |
| Minneapolis, Minn. | 99 | 66 | 19 | 6 | 4 | 4 | | | | | | | |
| Omaha, Nebr. | 87 | 49 | 31 | 1 | 1 | 4 | Total | 11,636 | 6,910 | 3,114 | 761 | 410 | 472 |
| St. Louis, Mo. | 182 | 101 | 53 | 14 | 9 | 4 | Expected Number | 12,741 | 7,658 | 3,404 | 818 | 380 | 502 |
| St. Paul, Minn. | 56 | 39 | 9 | 2 | 4 | 3 | | | | | | | |
| Wichita, Kans. | 77 | 46 | 22 | 6 | — | 7 | | | | | | | |

† Estimate based on average percent of divisional total

SCABIES — Continued

investigate a reported outbreak of scabies in the Portales school system. The team examined 150 suspected scabies cases in children from 5 schools, plus some of the childrens' parents and younger siblings. Scabies was clinically diagnosed in 34 persons: 23 schoolchildren, 7 preschool-aged siblings, and 4 parents. In 6 of these 34 persons mites or their fecal particles were recovered from burrow scrapings and identified under low-power magnification. All persons with scabies, plus 91 of their family contacts, were treated with 1% lindane lotion. Four scabies patients were treated for impetigo with parenteral antibiotics. Twenty-two children (including 11 with scabies) were found to have head lice and were treated with lindane shampoo. An active surveillance system, initiated after the mass treatment program in January, continues to reveal 1-2 additional cases per week.

Epidemiologic investigation revealed that the first suspected cases had occurred several months previously in 1 local family. Among the schoolchildren, cases occurred in multiple sibling groups from different classrooms, suggesting that transmission was related more to intimate family contact than to classroom contact.

(Reported by Peter Herman, MD, Private Dermatologist, Hobbs, New Mexico; Myra Jacobs, RN, George Hughes, Director of Instruction, Portales Public Schools; Benjamin Smith, MD, Chief of Dermatology, University of New Mexico School of Medicine; Bettie McClintock, MD, District Health Officer, Anabell Martz, Public Health Nurse Supervisor, William Farrar and William Holder, Communicable Disease Section, New Mexico State Health Agency; and an EIS Officer.)

Editorial Note

Scabies is caused by the human itch mite, *Sarcoptes scabiei*. The females burrow in the stratum corneum of the skin, laying eggs in the tunnels they create. The resulting rash and pruritis is thought to be due to sensitization to the mite or its products and may not appear for a month or more after infestation (1). Transmission is by close person-to-person contact or, occasionally, by infested fomites. *S. scabiei* is not the

vector of any known pathogen; scratching, however, may result in bacterial skin infections.

Some authorities believe that epidemics (or pandemics) of scabies occur with a 15-20 year periodicity; the last such worldwide resurgence appeared in the 1940's (2). Although scabies is not a reportable disease in the United States, it apparently was uncommon in this country until recently. In the past few months, however, CDC has been receiving numerous informal reports of scabies outbreaks from many parts of the country.

Both of the above reports describe outbreaks which were thought initially to be school-related. Investigation, however, revealed the disease to be prevalent in the non-school community and the household to be an important site of transmission.

Although crowding and poverty have generally been associated with scabies, these factors were not important in the Florida outbreak. The association between exchanging clothes and infestation, however, may indicate that fomites are more important than was previously believed (1).

The social stigma often attached to the disease makes community education efforts important. Also, because spread within families is common, simultaneous treatment of all household members is essential. Treatment consists of applications to the entire body below the chin of a cream or lotion containing 1% lindane (Kwell*) or 10% crotamiton (Eurax*).

While these 2 investigations found the family and the community to be the chief sites of transmission, institutional outbreaks in nursing homes and hospitals also occur. On a hospital ward, a single scabietic patient may be responsible for infesting both nursing personnel and other patients (3).

References

1. Mellanby K: Scabies. Hampton, Middlesex, England, EW Classey Ltd., 1972
2. Epstein E: Trends in scabies. Arch Dermatol 71:192-196, 1955
3. Haydon JR and Caplan RM: Epidemic scabies. Arch Dermatol 103: 168-173, 1971

*Use of brand names does not constitute endorsement by the Public Health Service.

**CURRENT TRENDS
PRIMARY AND SECONDARY SYPHILIS
United States — January 1975**

In January 1975, reported cases of primary and secondary syphilis numbered 2,232, representing an increase of 8.6% over the number reported in January 1974 (provisional data). In the past 7 months, cases have increased by 5.7% over the number reported during the same time period of the

previous year. In both January and the past 7 months, most of the increases have occurred in a small number of project areas. This development is currently being studied closely. (Reported by the Venereal Disease Control Division, Bureau of State Services, CDC.)

SUMMARY OF REPORTED PRIMARY AND SECONDARY SYPHILIS CASES
BY REPORTING AREA: JANUARY 1975 AND JANUARY 1974 - PROVISIONAL DATA

| Reporting Area | January | | Calendar Year Cumulative January-January | | Reporting Area | January | | Calendar Year Cumulative January-January | |
|----------------------------------|---------|------|--|------|--|---------|-------|--|-------|
| | 1975 | 1974 | 1975 | 1974 | | 1975 | 1974 | 1975 | 1974 |
| Connecticut | 12 | 12 | 12 | 12 | Arkansas | 4 | 13 | 4 | 13 |
| Maine | 2 | 1 | 2 | 1 | Louisiana | 59 | 59 | 59 | 59 |
| Massachusetts | 57 | 62 | 57 | 62 | New Mexico | 10 | 5 | 10 | 5 |
| New Hampshire | 2 | 1 | 2 | 1 | Oklahoma | 13 | 15 | 13 | 15 |
| Rhode Island | 1 | 2 | 1 | 2 | Texas | 120 | 100 | 120 | 100 |
| Vermont | 2 | 0 | 2 | 0 | DHEW REGION VI TOTAL | 206 | 192 | 206 | 192 |
| DHEW REGION I TOTAL | 76 | 78 | 76 | 78 | Iowa | 2 | 8 | 2 | 8 |
| New Jersey | 79 | 77 | 79 | 77 | Kansas | 13 | 5 | 13 | 5 |
| New York (Excl. NYC) | 50 | 52 | 50 | 52 | Missouri | 33 | 16 | 33 | 16 |
| New York City | 271 | 267 | 271 | 267 | Nebraska | 2 | 0 | 2 | 0 |
| DHEW REGION II TOTAL | 400 | 396 | 400 | 396 | DHEW REGION VII TOTAL | 50 | 29 | 50 | 29 |
| Delaware | 7 | 15 | 7 | 15 | Colorado | 15 | 12 | 15 | 12 |
| Dist. of Columbia | 49 | 47 | 49 | 47 | Montana | 2 | 0 | 2 | 0 |
| Md. (Excl. Baltimore) | 21 | 25 | 21 | 25 | North Dakota | 2 | 0 | 2 | 0 |
| Baltimore | 33 | 38 | 33 | 38 | South Dakota | 1 | 0 | 1 | 0 |
| Penn. (Excl. Philadelphia) | 28 | 16 | 28 | 16 | Utah | 0 | 4 | 0 | 4 |
| Philadelphia | 48 | 57 | 48 | 57 | Wyoming | 0 | 0 | 0 | 0 |
| Virginia | 54 | 98 | 54 | 98 | DHEW REGION VIII TOTAL | 20 | 16 | 20 | 16 |
| West Virginia | 0 | 3 | 0 | 3 | Arizona | 25 | 26 | 25 | 26 |
| DHEW REGION III TOTAL | 240 | 299 | 240 | 299 | California (Excl. LA & SF) | 123 | 102 | 123 | 102 |
| Alabama | 23 | 22 | 23 | 22 | Los Angeles* | 190 | 165 | 190 | 165 |
| Florida | 283 | 170 | 283 | 170 | San Francisco* | 100 | 41 | 100 | 41 |
| Georgia (Excl. Atlanta) | 39 | 65 | 39 | 65 | Hawaii | 1 | 2 | 1 | 2 |
| Atlanta* | 32 | 36 | 32 | 36 | Nevada | 4 | 11 | 4 | 11 |
| Kentucky | 8 | 21 | 8 | 21 | DHEW REGION IX TOTAL | 443 | 347 | 443 | 347 |
| Mississippi | 18 | 22 | 18 | 22 | Alaska | 0 | 0 | 0 | 0 |
| North Carolina | 108 | 55 | 108 | 55 | Idaho | 1 | 0 | 1 | 0 |
| South Carolina | 39 | 71 | 39 | 71 | Oregon | 8 | 10 | 8 | 10 |
| Tennessee | 21 | 44 | 21 | 44 | Washington | 23 | 15 | 23 | 15 |
| DHEW REGION IV TOTAL | 571 | 506 | 571 | 506 | DHEW REGION X TOTAL | 32 | 25 | 32 | 25 |
| Illinois (Excl. Chicago) | 9 | 18 | 9 | 18 | UNITED STATES TOTAL | 2,232 | 2,055 | 2,232 | 2,055 |
| Chicago | 80 | 56 | 80 | 56 | Puerto Rico | 67 | 75 | 67 | 75 |
| Ind. (Excl. Indianapolis) | 14 | 16 | 14 | 16 | Virgin Islands | 1 | 0 | 1 | 0 |
| Indianapolis* | 2 | 5 | 2 | 5 | U.S. INCL. TERR. | 2,300 | 2,130 | 2,300 | 2,130 |
| Michigan | 38 | 36 | 38 | 36 | Note: Cumulative totals include revised and delayed reports through previous months. | | | | |
| Minnesota | 5 | 4 | 5 | 4 | Source: HSM 9.98 CDC, VD Control Division, Atlanta, Ga. 30333. | | | | |
| Ohio | 37 | 23 | 37 | 23 | | | | | |
| Wisconsin | 9 | 9 | 9 | 9 | | | | | |
| DHEW REGION V TOTAL | 194 | 167 | 194 | 167 | | | | | |

*County Data

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The data in this report are provisional, based on weekly telegraphs to CDC by state health departments. The reporting week concludes at close of business on Friday; compiled data on a national basis are officially released to the public on the succeeding Friday.

In addition to the established procedures for reporting morbidity and mortality, the editor welcomes accounts of interesting cases, outbreaks, environmental hazards, or other public health problems of current interest to health officials.

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